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Sheet 1 of 2

Form PTO-1449 (REV. 8-83) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)	ATTY. DOCKET NO. 50847.00114	APPLICATION NO. Not Yet Assigned
	APPLICANT Frazier, et al.	
	FILING DATE	GROUP Not Yet Assigned
	TITLE: CLOSE/INTRA-FORMATION POSITIONING COLLISION AVOIDANCE SYSTEM AND METHOD	

J1046 U.S. PTO
10/09/1818



U. S. PATENT DOCUMENTS

EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
gi		5,805,111	09/98	Brettner, III et al.	342	455	12/01/95
gi		5,077,673	12/91	Brodegard et al.	364	461	01/09/90
gi		4,789,865	12/88	Litchford	342	455	10/21/87
gi		4,782,450	11/88	Flax	364	461	08/27/85
gi		3,750,168	07/73	Schrader et al.	343	6.5	04/07/72
gi		6,072,433	06/00	Young et al.	342	357.08	
gi		5,872,526	02/99	Tognazzini	340	961	

FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION	
							YES	NO
gi		WO 97 32185	09/04/97	PCT				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

gi		Section 2 System Overview-TCAS 11 Study Guide, Jan. 1993, Pages 2-1 through 2-5
gi		Introduction to TCAS 11, U.S. Department of Transportation, Federal Aviation Administration, March 1990, Pages 1-22
gi		Goodwin, Mark et al, "Using GPS for Airborne Formation Control," Proceedings of the ION GPS-93, 9/1993, pp. 871-884
gi		Felter, Stephen C. et al, "A Relative Navigation System for Formation Flight," IEEE Trans. on Aerospace and Electronic Systems, Vol. 33, No. 3, July 1997, pp. 958-967.

EXAMINER 	DATE CONSIDERED 4/15/03
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***EXAMINER:** Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449
(REV. 8-83)

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.
50847.00114

APPLICATION NO.
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**INFORMATION DISCLOSURE
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EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
gi		5636123	06/97	Rich et al	342	455	
gi		5570095	10/96	Drouilhet, Jr. et al	342	455	
gi		5043903	08/91	Constant	701	300	

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	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION	
							YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

gi		Diefes, Debra et al, "Concept Design for a Low Cost Cockpit Display/Collision Avoidance System for General Aviation Aircraft," Position Location and Navigation Symposium, 1996, 4/1996, pp. 352-359
gi		Donohue, George, "A Visionary Look at Aviation Surveillance Systems," IEEE AES Systems Magazine, October, 1995, pp. 8-13.
gi		Boisvert, Robert E. et al, "ADS-Mode S System Overview," Digital Avionics Systems Conf. 1993, 10/1993, pp. 104-109.

EXAMINER

DATE CONSIDERED